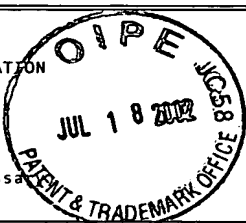


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				APPLICANT Alice M. Chiang et al.			
				FILING DATE July 19, 2001		GROUP 3662	
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
AA	AA	4,034,483	07/12/77	Bernstein et al.	35	10.4	
AB	AB	4,152,678	05/01/79	Shott et al.	333	150	
AC	AC	4,159,462	06/26/79	Rocha et al.	340	1R	
AD	AD	4,227,417	10/14/80	Glenn	73	625	
AE	AE	4,233,678	11/11/80	Brady, III	367	122	
AF	AF	4,241,608	12/30/80	Dees et al.	73	606	
AG	AG	4,244,037	01/06/81	Jelks	367	121	
AH	AH	4,245,333	01/13/81	Jelks	367	121	
AI	AI	4,253,168	02/24/81	Petrosky et al.	367	123	
AJ	AJ	4,254,662	03/10/81	Kuroda et al.	73	626	
AK	AK	4,267,584	05/12/81	McKeighen et al.	367	11	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AL	AL	2 130 798 A	06-JUN-84	United Kingdom			
AM	AM	0 593 822 A1	27-APR-94	EPO			
AN	AN						
AO	AO						
AP	AP						
AQ	AQ						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
AR	AR	Takeuchi, Y., "Coded Excitation for Harmonics Imaging," IEEE ULTRASONICS SYMPOSIUM, 1433-1436 (1996).					
AS	AS	Tanaka, T., et al., "Digital Signal Processor for Digital Multi Beam Forming Antenna in Mobile Communication," ATR Optical and Radio Communications Research Laboratories, 1507-1511 (08-06-94)					
AT	AT	Beetner, D.G., and Arthur, M.R., "Generation of Synthetic-Focus Images from Pulse-Echo Ultrasound Using Difference Equations," IEEE Transactions on Medical Imaging, Vol. 15, No. 5, 665-672 (October 1996).					
EXAMINER D. Phil				DATE CONSIDERED 9-13-2002			

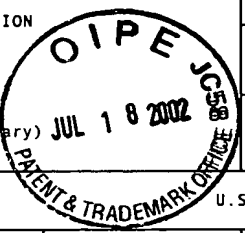

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				APPLICANT Alice M. Chiang et al.			
				FILING DATE July 19, 2001		GROUP 3662	
U.S. PATENT DOCUMENTS							
EXAM- INER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
AA2	4,274,148	06/16/81	Hullenaar	367	122		
AB2	4,277,787	07/07/81	King	343	100		
AC2	4,307,613	12/29/81	Fox	73	626		
AD2	4,313,184	01/26/82	Jarman et al.	367	88		
AE2	4,336,607	06/22/82	Hill et al.	367	123		
AF2	4,401,957	08/30/83	McKeighen et al.	333	165		
AG2	4,464,726	08/07/84	Chiang	367	600		
AH2	4,544,927	10/01/85	Kurth et al.	343	373		
AI2	4,616,231	10/07/86	Autrey et al.	342	374		
AJ2	4,947,176	08/07/90	Inatsune et al.	342	173		
AK2	5,014,250	05/07/91	Hadderingh	367	124		
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
AR2	Broadstone, S.R., and Arthur, M.R., "Determination of Time-of-Flight Surfaces Using the Methods of Moments" IEEE, Transactions on Medical Imaging, 10(2) 173-179 (June 1991).						
AS2	Shott, J.D., et al., "Charge-coupled devices for use in electronically-focused ultrasonic imaging systems" 8049 Proceedings of the I.E.E.-F., Vol. 127 (1980) April, No. 2, Stevenage.						
AT2	Macovski, Albert, "Ultrasonic Imaging Using Arrays" Proceedings of the IEEE, Vol. 67, No. 4, April 1979						
AU2	Brady, J.J., "A serial phase shift beamformer using charge transfer devices," 8014 Journal of Acoustical Sty of America, Vol. 68 (1980) August, No. 2, New York, NY 504-507						
AV2	Broadstone, S.R., et al., "Low-Power, High-Resolution 3D Sonar Imaging System," SPIE Conference, Vol. 3711: 57-67 (April 1999).						
AW2	Greening, M.V., et al., "Optimal linear sparse arrays," Defense Science and Technology Organization No date given.						
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EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
26	AA3	5,029,144	07/02/91	Griffin	367	11	
26	AB3	5,030,953	07/09/91	Chiang	341	172	
26	AC3	5,031,625	07/16/91	Higashiizumi et al.	428	660.01	
26	AD3	5,089,983	02/18/92	Chiang	364	844	
26	AE3	5,126,962	06/30/92	Chiang	364	725	
26	AF3	5,200,755	04/06/93	Matsuda et al.	342	158	
26	AG3	5,228,007	07/13/93	Murakami et al.	367	103	
26	AH3	5,276,452	01/04/94	Schuss et al.	342	371	
26	AI3	5,309,409	05/03/94	Jones et al.	367	103	
26	AJ3	5,343,211	08/30/94	Kott	342	379	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
26	AR3	Benjamin, K.C., "The Development of a Very Large, Dense Packed, Two-Dimensional, Ultrasonic Imaging Array," Paper presented at the 23 rd Synosium Acoustical Imaging, Boston, MA (1997, April).					
26	AS3	Kay, S.M., "Comments on Underwater Camera Design," pp. 1-10 (1999).					
26	AT3	Impagliazzo, J., et al. "Prototype Sparse Arrays for 3D Sonar Imaging System," pp. 1-6.					
26	AU3	Manzie, G., "High resolution acoustic mine imaging," Thomson Marconi Sonar Pty. No date given.					
26	AV3	"Multi-Media Pentium II/III Ruggedized Notebook" MiTAC e-Centric Corp. Brochure.					
26	AW3	"GETAC CA35 Ruggedized Tablet PC" MiTAC e-Centric Corp. Brochure.					
EXAMINER <i>Philip</i>				DATE CONSIDERED 9-13-2002			

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PTO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION July 9, 2002 (Use several sheets if necessary)				ATTORNEY DOCKET NO. 301496.2001-103		APPLICATION NO. 09/909,141	
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				FILING DATE July 19, 2001		GROUP 3662	
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
✓	AA4	5,386,830	02/07/95	Powers et al.	128	601.09	
✓	AB4	5,517,537	05/14/96	Greene et al.	376	252	
✓	AC4	5,530,680	06/25/96	Whitehurst	367	99	
✓	AD4	5,533,383	07/09/96	Greene et al.	73	40.5 A	
✓	AE4	5,535,150	07/09/96	Chiang	364	724.19	
✓	AF4	5,546,807	08/20/96	Oxaal et al.	73	606	
✓	AG4	5,555,200	09/10/96	Chiang	364	606	
✓	AH4	5,555,534	09/10/96	Maslak et al.	367	135	
✓	AI4	5,590,658	01/07/97	Chiang et al.	128	601.1	
✓	AJ4	5,623,930	04/29/97	Wright et al.	128	601.1	
✓	AK4	5,685,308	11/11/97	Wright et al.	128	600.07	
✓	AA5	5,822,276	10/13/98	Miklovic	367	103	
✓	AB5	5,825,898	10/20/98	Marash	381	92	
✓	AC5	5,904,652	05/18/99	Gilbert et al.	600	447	
✓	AD5	6,111,816	08/29/00	Chiang et al.	367	7	
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